

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/581,936
Source: IFWP
Date Processed by STIC: 6/21/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/58,936

CRF Edit Date: 6/21/06
Edited by: AK

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

/ Deleted: 1 invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

DATE: 06/21/2006

PATENT APPLICATION: US/10/581,936

TIME: 15:35:23

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06212006\J581936.raw

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4 <110> APPLICANT: Nanogen Recognomics GmbH
6 <120> TITLE OF INVENTION: Use of a mutation in the BRAF gene for the
7   determination of the malignancy of melanoma cells
9 <130> FILE REFERENCE: 202nr05.de
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/581,936
C--> 12 <141> CURRENT FILING DATE: 2006-06-07
14 <160> NUMBER OF SEQ ID NOS: 7
16 <170> SOFTWARE: PatentIn Ver. 2.1
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 119
20 <212> TYPE: DNA
21 <213> ORGANISM: Homo sapiens
23 <400> SEQUENCE: 1
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25 aatctcgatg gagtgggtcc catcagtttg aacagttgtc tggatccatt ttgtggatg 119
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 2510
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 2
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36 cggggacatg gagcccagag ccgggcgcgg ccggcccgcg gcctcttcgg ctgcggaccc 180
37 tgccattccg gaggaggtgt ggaatatcaa acaaatgatt aagttgacac aggaacatat 240
38 agaggcccta ttggacaaat ttgggtggga gcataatcca ccatcaatat atctggaggc 300
39 ctatgaagaa tacaccagca agctagatgc actccaacaa agagaacaac agttattgga 360
40 atctctgggg aacggaactg atttttctgt ttctagctct gcacaaatgg ataccgttac 420
41 atcttcttcc tcttctagcc ttctagtgct accttcactc ctttcagttt ttcaaaatcc 480
42 cacagatgtg gcacggagca accccaagtc accacaaaaa cctatcgtaa gagtcttcct 540
43 gcccaacaaa cagaggacag tggtagctgc aaggtgtgga gttacagtcc gagacagtct 600
44 aaagaaagca ctgatgatga gaggtctaata ccagagtgct tgtgctgttt acagaattca 660
45 ggatggagag aagaaaccaa ttggttggga cactgatatt tcctggctta ctggagaaga 720
46 attgcatgtg gaagtgttgg agaattgttc acttacaaca cacaactttg tacgaaaaac 780
47 gtttttccac ttagcatttt gtgacttttg tcgaaagctg cttttccagg gtttccgctg 840
48 tcaaacatgt gggtataaat ttcaccagcg ttgtagtaca gaagttccac tgatgtgtgt 900
49 taattatgac caacttgatt tgctgtttgt ctccaagttc tttgaacacc acccaatacc 960
50 acaggaagag gcgtccttag cagagactgc cctaacatct ggatcatccc cttccgcacc 1020
51 cgccctcgga tctattgggc cccaaattct caccagtcgg tctccttcaa aatccattcc 1080
52 aattccacag cccttccgac cagcagatga agatcatcga aatcaatttg ggcaacgaga 1140
53 ccgatcctca tcagctccca atgtgcatat aaacacaata gaacctgtca atattgatga 1200
54 cttgattaga gaccaaggat ttcgtgggtg tggaggatca accacagggt tgtctgctac 1260
55 cccccctgcc tcattacctg gctcactaac taacgtgaaa gccttacaga aatctccagg 1320
56 acctcagcga gaaaggaagt catcttcac ctcagaagac aggaatcgaa tgaaaacact 1380

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57 tggtagacgg gactcgagtg atgattggga gattcctgat gggcagatta cagtgggaca 1440
58 aagaattgga tctggatcat ttggaacagt ctacaaggga aagtggcatg gtgatgtggc 1500
59 agtgaaaatg ttgaatgtga cagcacctac acctcagcag ttacaagcct tcaaaaatga 1560
60 agtaggagta ctcaggaaaa cagcacatgt gaatattccta ctcttcattg gctattccac 1620
61 aaagccacaa ctggctattg ttaccacagt gtgtgagggc tccagcttgt atcaccatct 1680
62 ccatatcatt gagaccaaatt ttgagatgat caaacttata gatattgcac gacagactgc 1740
63 acagggcatg gattacttac acgccaagtc aatcatccac agagacctca agagtaataa 1800
64 tatatttctt catgaagacc tcacagtaaa aataggtgat tttgggtctag ctacagtga 1860
65 atctcgatgg agtgggtccc atcagtttga acagttgtct ggatccattt tgtggatggc 1920
66 accagaagtc atcagaatgc aagataaaaa tccatacagc tttcagtcag atgtatatgc 1980
67 atttgggatt gttctgtatg aattgatgac tggacagtta ccttattcaa acatcaacaa 2040
68 cagggaccag ataattttta tgggtgggac aggatacctg tctccagatc tcagtaaggt 2100
69 acggagtaac tgtccaaaag ccatgaagag attaatggca gagtgcctca aaaagaaaag 2160
70 agatgagaga ccactctttc cccaaattct cgcctctatt gagctgctgg cccgctcatt 2220
71 gccaaaaatt caccgcagtg catcagaacc ctccttgaat cgggctggtt tccaaacaga 2280
72 ggatttttagt ctatatgctt gtgcttctcc aaaaacaccc atccaggcag ggggatatgg 2340
73 tgcgtttcct gtccactgaa acaaatgagt gagagagttc aggagagtag caacaaaagg 2400
74 aaaataaatg aacatatgtt tgcttatatg ttaaattgaa taaaatactc tctttttttt 2460
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81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
98 <400> SEQUENCE: 4
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105 <213> ORGANISM: Artificial Sequence
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115 <211> LENGTH: 13
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: reporter mut

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DATE: 06/21/2006

PATENT APPLICATION: US/10/581,936

TIME: 15:35:23

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06212006\J581936.raw

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126 <210> SEQ ID NO: 7
127 <211> LENGTH: 31
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: stabilizer
135 <400> SEQUENCE: 7
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,936

DATE: 06/21/2006

TIME: 15:35:24

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06212006\J581936.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING

DATE: 06/19/2006

PATENT APPLICATION: US/10/581,936

TIME: 11:31:19

Input Set : A:\612,406-043.txt

Output Set: N:\CRF4\06192006\J581936.raw

4 <110> APPLICANT: Nanogen Recognomics GmbH
 6 <120> TITLE OF INVENTION: Use of a mutation in the BRAF gene for the
 7 determination of the malignancy of melanoma cells
 9 <130> FILE REFERENCE: 202nr05.de
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 14 <160> NUMBER OF SEQ ID NOS: 7
 16 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

126 <210> SEQ ID NO: 7
 127 <211> LENGTH: 31
 128 <212> TYPE: DNA
 129 <213> ORGANISM: Artificial Sequence
 132 <220> FEATURE:
 133 <223> OTHER INFORMATION: Description of Artificial Sequence: stabilizer
 135 <400> SEQUENCE: 7
 136 ctgttagctag accaaaatca cctattttta c 31
 E--> 142 1

Does Not Comply
Corrected Diskette Needed

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,936

DATE: 06/19/2006

TIME: 11:31:21

Input Set : A:\612,406-043.txt

Output Set: N:\CRF4\06192006\J581936.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:142 M:254 E: No. of Bases conflict, this line has no nucleotides.